F-SM-MM-05

Single Mode to Multimode Media Converter

- Protocol Transparency: 500Kbps – 30Mbps speed range in continuous duty cycle

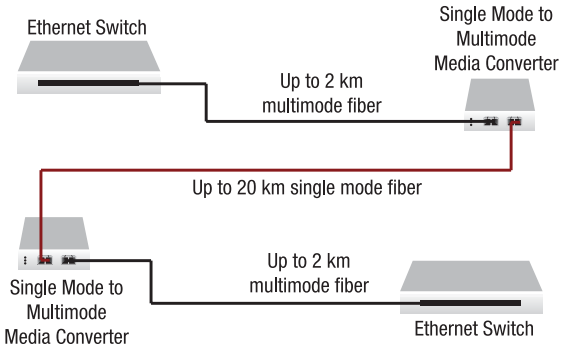
Features

- AutoCross™
- Link Pass Through
- Automatic Link Restoration

Extend Network Distance

Ethernet or Token Ring Networks: Connect distant networks or devices up to 20 km in an existing single mode network.

Save money by purchasing Ethernet devices with lower cost multimode fiber interfaces and use converters to introduce single mode fiber only where you need it.


Ethernet Switch
Up to 2 km multimode fiber
Single Mode to Multimode Media Converter
Up to 20 km single mode fiber
Single Mode to Multimode Media Converter
Up to 2 km multimode fiber
Ethernet Switch

Specifications

Standards	IEEE Std. 802.5j
Status LEDs	**Power:** Lit for normal operation **Link:** (Left) Lit for MM link **Link:** (Right) Lit for SM link
Dimensions	**Width:** 3.0" [76 mm] **Depth:** 4.7" [119 mm] **Height:** 1.0" [25 mm]
Power	External AC/DC required; 12V DC. 0.5A; unregulated; standard
Power Consumption	3.1 watts
Environment	Operating temperature 0° – 50° C; 5% – 90% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	**Wall Mount Power Supply:** UL Listed and CSA certified
Regulatory Compliance	CISPR/EN55022 Class A; EN55024; EN61000; FCC Class A; CE Mark
Warranty	Lifetime

Ordering Info

F-SM-MM-05
850nm multimode (ST)
[2 km/ 1.2 mi.] Link Budget: 13.5 dB
to 1310nm single mode (ST)
[20 km/12.4 mi.] Link Budget: 7.0 dB

Optional Accessories

(sold separately)

Wide Input (18 – 72VDC) Power Supplies:

SPS-1872-CC
Piggy Back Power Supply

SPS-1872-SA
Stand-Alone Power Supply

Mounting Options:

E-MCR-05
12-slot Media Converter Rack

RMS19-SA4-01
4-slot Media Converter Shelf

WMBD
DIN Rail Bracket 5.0" [127 mm]

WMBD-FS
DIN Rail Bracket (flat, small) 3.1" [79 mm]

WMBL
Wall Mount Bracket 4.0" [102 mm]

WMBV
Vertical Wall Mount Bracket 5.0" [127 mm]

TRANSITION NETWORKS

Transition Networks, Inc.
Worldwide Headquarters:
10900 Red Circle Drive
Minnetonka, MN 55343 USA

tel: 952.941.7600 / 800.526.9267
fax: 952.941.2322
info@transition.com
http://www.transition.com

©2009 Transition Networks, Inc.
All trade marks are the property of their respective owners.
Technical information is subject to change without notice.